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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On April 29, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Eleanor J. Taylor

PATENT  
Attorney Docket No.: 018547-048820US  
Client Ref. No.: 3407.2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Michael A. Siani-Rose et al.

Application No.: 09/683,264

Filed: December 5, 2001

For: COMPUTER SOFTWARE FOR  
AUTOMATED ANNOTATION OF  
BIOLOGICAL SEQUENCES

Customer No.: 20350

Confirmation No. 1024

Examiner: Mahatan Channing

Technology Center/Art Unit: 1631

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed December 30, 2003, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this paper.

**Amendments to the Drawings** begin on page 13 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 14 of this paper.

An **Appendix** including amended drawing figures is attached following page 15 of this paper.